

Dataset associated with “How selfish is a thirsty man? A comparison of sharing behavior with primary and secondary goods” (Kause, Vitouch & Glück, 2017).

1. General description of dataset

1.1. Research question. Using the Dictator Game scenario from experimental game theory, the current study investigated how individuals share a small amount of water with anonymous others, compared to money, after an induction of thirst.

1.2 Method. In a Dictator Game, participants were randomly allocated to the role of the proposer or the responder. In advance to the game, all participants went through a 25-minutes training session for an experimental induction of thirst. Thirst was measured on a subjective scale from 1 (not thirsty at all) to 7 (very thirsty). In two experimental groups, proposers either received a windfall incentive to be shared or had to earn water and money incentives in the training session preceding the Dictator Game. Size of the incentives to be shared was dependent on their performance during the session (5, 7.5, 10 Euro, 100, 150, 200 ml of water) shared either a small amount of water or money. It was measured a) How much proposers offer to anonymous responders (in ml and Euro) and b) How much respondents expect to receive from proposers (in ml and Euro).

1.3 Sample. N = 84, recruited in 2013 via the lab of the Group for Adaptive Behavior and Cognition, at the Max Planck Institute for Human Development in Berlin. All participants were prescreened in order to ensure they were healthy enough to participate in the training session.

2. Description of variables

Participant number

Condition: 1 = earned, 2 = baseline

pair.number: Number of proposer-responder pair

amount_overall: Amount of money that was shared amongst players

water_overall: Overall amount of water that was shared in that pair

Reihenfolge: Order of sharing tasks. 1= Water-money, 2 =Money-water

prop_dictator_water: Amount of water offered by proposer

prop_dictator_money: Amount of money offered by proposer
role: Randomly allocated role in DG (1=proposer, 2=responder)
respo_water: Water share received by responder
respo_money: Money share received by responder
exp_respo_water: Expected share of water by responder
exp_respo_money: Expected share of water by responder
sex: Gender
age: Age
weight: Weight in kg
size: height in cm
sport.week: frequency of sports per week
smoker: 1= yes, 0 = no
education: 1 = lowest (less than High School), 5= highest (PhD)
drink.time: Time passed since last drink, in minutes
thirst_0-thirst_23: Subjective perception of thirst at minutes 0, 5, 15, 18, 23
puls_pre: Pulse before training session
puls_post: Pulse after training session
systole_pre: Systole before training session
systole_post: Systole after training session
diastole_pre: Diastole before training session
diastole_post: Diastole after training session
watt_5-watt_23: revolutions per minute